## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits  | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|----------|-------|---|--------------------|---------------------|---------|---------------------|
| L4       | 0     | ("20020041932"   "20040028915"   "20040048960"   "3922392"   "5639517"   "5698266"   "6699911"   "6291697"   "6403183"   "6511721"   "659976"   6610145").PN. and homopolymer | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:41 |
| L5       | 13    | silicic acid tetramethyl ester  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:43 |
| L6       | 4     | silicic acid tetramethyl ester<br>homopolymer   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:44 |
| L7       | 4     | silicic acid tetramethyl ester same<br>homopolymer  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:47 |
| L8       | 4     | silicic acid tetramethyl ester with homopolymer   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:47 |
| L9       | 4     | silicic acid tetramethyl ester and homopolymer  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:47 |
| L10      | 40    | ms-51   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:52 |
| L11      | 2     | ms-51 same dissolv\$3   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:53 |
| L12      | 3     | silicic acid tetramethyl ester and oligomer   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:55 |
| L13      | 0     | tetra\$1methyoxy\$1silane\$1 with homo\$1polymer\$1   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:58 |
| L14      | 0     | silicon methoxide with homo<br>\$1polymer\$1  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:59 |
| L15      | 0     | silicon methoxide same homo<br>\$1polymer\$1  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:59 |
| L16      | 4     | silicic acid tetramethyl ester same homopolymer   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:59 |
| L17      | 22942 | homopolymer.clm.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>13:59 |
| L18      | 3     | (homopolymer and (truos or<br>tetramethyl orthosilicate or tetra<br>\$1methyl\$1ortho\$1silicate\$1)).<br>clm.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>14:00 |
| L23      | 27    | ((PAUL) near2 (MEREDITH)).INV.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>14:03 |
| L27      | 145   | ((MICHAEL) near2 (HARVEY)).<br>INV.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>14:04 |
| L28      | 105   | ((ROBERT) near2 (VOGEL)). INV.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2010/11/05<br>14:04 |

| L29 | 13   | [("20020041932"   "20040028915"   "20040048960"   "3922392"   "5639617"   "5639617"   "6291697"   "6316572"   "6403183"   "6511721"   "659976"   "6610145").FN.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/11/05<br>14:05 |
|-----|------|--|---|-----|----|---------------------|
| L30 | 0    | ["20020041932"   "20040028915"   "20040028916"   "3922392"   "5639517"   "5698266"   "3922392"   "659517"   "5698266"   "6619911"   "6291687"   "6316572"   "6403183"   "6511721"   "6599976"   "661045"). PN. and homopolymer | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/11/05<br>14:05 |
| L31 | 194  | 427/5  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:05 |
| L32 | 5080 | 427/5,165,226,299,429.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:06 |
| L33 | 153  | 427/428.2.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:06 |
| L39 | 233  | \$4methoxy\$1silane same<br>homopolymer  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:21 |
| L40 | 236  | \$4methoxy\$1silane\$1 same<br>homopolymer   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:21 |
| L41 | 15   | \$4methoxy\$1silane\$1 same<br>homopolymer and tetra\$1methoxy<br>\$1silane\$1   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:21 |
| L42 | 526  | (ms-51 or ms51 or ms "51") and<br>(ammonia or ammoniac\$2)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/11/05<br>14:27 |

## EAST Search History (Interference)

|      | **************** | M111111111111 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |     | *************************************** | M1111111111111111111111 |            |
|------|------------------|---------------|--|-----|---|-------------------------|------------|
| - 11 | Ref #            | Hite          | Search Query                           | DRe | Default                                 | Diurale                 | Time Stamp |
| - 13 | iici #           | iiii          | Search duely                           | DD3 | Delauit                                 | lulais                  | Time Stamp |
| - 11 | l                |               |  |     | Operator                                |                         |            |

| L19 | 3    | (homopolymer and (tmos or<br>tetramethyl orthosilicate or tetra<br>\$1methyl\$1ortho\$1silicate\$1)).dm.   | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:01 |
|-----|------|--|----------------|-----|----|---------------------|
| L20 | 1355 | 427/162.cds.   | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:02 |
| L21 | 3831 | 427/162,387.cds.   | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:02 |
| L22 | 8886 | 428/429,447,451,522,523.cdls.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:03 |
| L34 | 139  | 427/428.2,ccls.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:06 |
| L35 | 3464 | 427/5,165,226,299,429.ccls.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:06 |
| L36 | 108  | 427/5,165,226,299,429.ccls. and homopolymer  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:07 |
| L37 | 23   | 427/5,165,226,299,429.ccls. and (tmos or tetramethyl orthosilicate or tetra\$1methyl\$1ortho\$1silicate\$1)  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:07 |
| L38 | 4    | 427/5,165,226,299,429.cds. and (tmos or tetramethyl orthosilicate or tetra\$1methyl\$1ortho\$1silicate\$1).  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>14:08 |
| L43 | 0    | 427/419.2.ccls. and (tmos or tetramethyl orthosilicate or tetra \$1methyl\$1ortho\$1silicate\$1).clm.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:00 |
| L44 | 956  | 427/419.2.cds.   | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:01 |
| L45 | 1029 | 427/377.ccls.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:01 |
| L46 | 623  | 427/397.7.cdls.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:01 |
| L47 | 8    | (I44 or I45 or I46) and (tmos or<br>tetramethyl orthosilicate or tetra<br>\$1methyl\$1ortho\$1silicate\$1).clm.                                      | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:02 |
| L48 | 26   | (I21 or I22 or I34 or I35 or I44 or I45 or I46) and (tmos or tetramethyl orthosilicate or tetra\$1 methyl\$1 ortho \$1 silicate\$1).clm.             | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:41 |
| L49 | 240  | (tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1).<br>clm.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:42 |
| L50 | 48   | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>(ammonia or ammoniac\$2)).clm.                                | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:42 |
| L51 | 82   | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>(solution or dissolv\$3)).dm.                                 | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:44 |
| L52 | 78   | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>(solution or dissolv\$3 and (ammonia<br>or ammoniac\$2))).dm. | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:44 |

| L53 | 21 | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>(solution or dissolv\$3) and (ammonia<br>or ammoniac\$2)).clm.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:45 |
|-----|----|--|----------------|-----|----|---------------------|
| L54 | 3  | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>homopolymer).dm.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:46 |
| L55 | 12 | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1)<br>same (polymer or homopolymer)).clm.                                 | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:47 |
| L56 | 1  | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1)<br>same (polymer or homopolymer) and<br>(ammonia or ammoniac\$2)).clm. | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:47 |
| L57 | 7  | ((tmos or tetramethyl orthosilicate or<br>tetra\$1methyl\$1ortho\$1silicate\$1) and<br>(polymer or homopolymer) and<br>(ammonia or ammoniac\$2)).clm.  | USPAT;<br>UPAD | ADJ | ON | 2010/11/05<br>15:48 |

## 11/5/2010 4:02:20 PM

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